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TRANSACTIONS  
OF  
THE SOCIETY  
OF  
*Arts, Manufactures, & Commerce.*

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VOL. XLII.

**LONDON:**  
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**T R A N S A C T I O N S**  
OF THE  
**S O C I E T Y**  
*INSTITUTED AT LONDON,*  
FOR THE  
ENCOURAGEMENT  
OF  
**A R T S, M A N U F A C T U R E S,**  
AND  
**C O M M E R C E;**  
WITH  
**THE PREMIUMS**  
OFFERED IN THE YEAR 1823.

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**VOL. XLII.**

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**LONDON:**  
SOLD BY THE HOUSEKEEPER, AT THE SOCIETY'S  
HOUSE IN THE ADELPHI; AND  
BY ALL BOOKSELLERS.

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**1824.**

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*THE Society beg leave to call the attention of the members  
to the PAPER on which the present volume is printed.  
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# TRANSACTIONS

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DURING THE SESSION 1823-24.

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